



MIL-C-83286B(USAF) IND

COATING, URETHANE,
ALIPHATIC ISOCYANATE,
FOR AEROSPACE APPLICATION

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

PRODUCT DATA

MIL-C-83286B Polyurethane Enamel is a high quality, long lasting industrial, marine, and maintenance coating suitable for use in extremely harsh environments. It has exceptional abrasion resistance and can be used in most severe chemical conditions.

While this product was developed for aerospace usage, it is highly suitable for use on bridges, oil and petroleum facilities, tanks, marine vessels, transportation equipment and general prepared structural steel. It has excellent salt spray and humidity resistance.

MIL-C-83286B has excellent resistance to chemicals including Skydrol, solvents, hydraulic fluids, and other petroleum products.

Approved primer for this product is MIL-PRF-23377. For other products, consult the manufacturer.

Available in gloss and camouflage colors.

The solvents in this product are considered non-photochemically reactive.

VOC Content:
420 grams/liter; 3.5 pounds/gal

Type of Material:
Catalyzed Aliphatic Polyurethane

Volume Solids:
45% by volume depending on color

Estimated Coverage:
721 sq. ft. per gallon at 1 DFT

Recommended Film Thickness:
1.5 - 2.0 mils DFT

Method of Application:
Spray primarily, brush/roll for small areas

Number of Coats:
One

Thinner and Clean Up Solvent:
MIL-T-81772

Shelf Life:
1 year from date of manufacture

Pot Life:
6 hours @ 75° F

Dry Time:
2 hours to touch; 7 hours dry hard @ 75° F

Flash Point:
40°F closed cup

Color and Gloss:
All standard colors; Gloss as specified

Mixing Ratio:
1:1 by volume